## BIRCH, STEWART, KOLASCH & BIRCH, LLP

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## COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Insert Title:	BIO-CHIP PREPARED BY GELATION ON A CHIP SUBSTRATE							
Fill in Appropriate	the specification of which is attached hereto. If not attached hereto, the application is identified by the attorney docket number as set forth above and/or the following:							
Information -	The specification was filed onas							
For Use Without	Limited Chates Ameri	liantiam Niumba						
Specification	and amended on					(if applicable	) and/or	
Attached:	the specification was filed on September 9, 2003						_ as PCT	
	International Application Number PCT/ RR2003/001845					; and was		
	and amended on							
	I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.  I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.  I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application, and that no application for patent or inventor's certificate on this invention has been filled in any country foreign to the United States of America prior to this							
	application by me or my legal representatives or assigns, except as follows.  I hereby claim foreign priority benefits under Title 35, United States Code, \$119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:							
	Prior Foreign Applica		. ,			Priority (	Claimed	
Insert Priority	10-2002-0055635	Republic	of Korea	September	13, 2002	<b>.</b>		
Information:	(Niemshau)	(Country)		(Month/Day	/Von Eiled)	<b>Ø</b>	U Na	
(if appropriate)	(Number)	(Country)		(Month) Day	/Year Filed)	Yes	No	
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	(Number)	(Country)		(Month/Day	/Year Filed)	Yes	No	
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	(Number)	(Country)		(Month/Day	/ rear rileu)	Yes	No	
	I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications(s) listed below.							
Insert Provisional	/A 1: 4: N 1 . 1 . N			Œit. D				
Application(s): (if any)	(Application Number)			(Filing Da	ate)			
	(Application Number) (Filing Date)							
	All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More than 12 Months (6 Months for Designs) Prior to the Filing Date of This Application:							
	Country		Application Number		Date of Filing (Mont	h/Day/Year)		
Insert Requested Information: (if appropriate)							<del></del>	
	I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s), including for continuation-in-part application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.							
Insert Prior U.S. Application(s): (if any)	(Application Number)		(Filing Date)		(Status - patented, pe	ending, abandon	ned)	
Page 1 of 2 (Rev. 07/2003)	(Application Number)	<del> </del>	(Filing Date)		(Status - patented, pe	ending, abandon	ned)	

I hereby appoint the practitioners at CUSTOMER NO. 02292 as my attorneys or agents to prosecute this application and/or an international application based on this application and to transact all business in the United States Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written notice to the contrary:

Send Correspondence to:

## BIRCH, STEWART, KOLASCH & BIRCH, LLP or CUSTOMER NO. 02292

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PLEASE NOTE: YOU MUST COMPLETE THE FOLLOWING:

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

•							
or Sole Inventor:	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*			
ull Name of First or Sole Inventor: spet Name of Inventor Inventor Inventor Spet Date This Document is Signed	So Youn KIM	Jusii		2004.8.8			
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full Name of Fourth	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*			
Full Name of Fourth Inventor, if any: see above							
	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	CITIZENSHI	DATE*			
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Inventer, if any: see abserver)	GIVEN NAME/FAMILY NAME  Hye Sang PARK  Residence (City, State & Country)  Seoul Korea  MAILING ADDRESS (Complete Street Address	INVENTOR'S SIGNATURE  GRANT SIGNATURE  including City, State & Country)	CITIZENSHI kr	DATE*  VOCT 8.9			
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Inventer, if any:  see alkings)  Full Name of Fifth Inventor, if any:	GIVEN NAME/FAMILY NAME  Hye Sang PARK  Residence (City, State & Country)  Seoul Korea  MAILING ADDRESS (Complete Street Address 704-1509 Jugong Apt., Gaepo-dong,	including City, State & Country) angnam-gu, Seoul 135-993 Rep	CITIZENSHI kr public of Ko	DATE*  P  Tea  DATE*  2004. 8. 9			
Inventer, if any:  see alkings)  Full Name of Fifth Inventor, if any:	GIVEN NAME/FAMILY NAME  Hye Sang PARK  Residence (City, State & Country)  Seoul Korea  MAILING ADDRESS (Complete Street Address 704-1509 Jugong Apt., Gaepo-dong, Ga  GIVEN NAME/FAMILY NAME  Jae Young JANG  Residence (City, State & Country)  Daejeon Korea	including City, State & Country) angnam-gu, Seoul 135-993 Rep INVENTOR'S SIGNATURE	CITIZENSHI kr public of Ko	DATE*  P  Tea  DATE*  2004. 8. 9			
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Full Name of Sixth Inventor, if any:	GIVEN NAME/FAMILY NAME Hye Sang PARK Residence (City, State & Country) Seoul Korea  MAILING ADDRESS (Complete Street Address 704-1509 Jugong Apt., Gaepo-dong, Ga GIVEN NAME/FAMILY NAME Jae Young JANG Residence (City, State & Country) Daejeon Korea  MAILING ADDRESS (Complete Street Address 163-9, Yongjeon-dong, Dong-gu, Daeje GIVEN NAME/FAMILY NAME Young Duk KIM Residence (City, State & Country)  Residence (City, State & Country)	including City, State & Country) angnam-gu, Seoul 135-993 Reg INVENTOR'S SIGNATURE  including City, State & Country) eon 300-825 Republic of Kon	CITIZENSHI kr  public of Ko  CITIZENSHI kr	DATE*  DATE*  2004. 8. 9  DATE*  DATE*			
Full Name of Sixth Inventor, if any:	GIVEN NAME/FAMILY NAME Hye Sang PARK Residence (City, State & Country) Seoul Korea  MAILING ADDRESS (Complete Street Address 704-1509 Jugong Apt., Gaepo-dong, Ga GIVEN NAME/FAMILY NAME Jae Young JANG Residence (City, State & Country) Daejeon Korea  MAILING ADDRESS (Complete Street Address 163-9, Yongjeon-dong, Dong-gu, Daeje GIVEN NAME/FAMILY NAME Young Duk KIM Residence (City, State & Country) Daejeon Korea  MAILING ADDRESS (Complete Street Address MAILING ADDRESS (Complete Street Address	including City, State & Country) angnam-gu, Seoul 135-993 Reg  INVENTOR'S SIGNATURE  including City, State & Country) eon 300-825 Republic of Kor	CITIZENSHI kr CITIZENSHI kr Cea	DATE*  2004. 8. 9  DATE*  2004. 8. 9			
Full Name of Sixth Inventor, if any:  See above  Full Name of Sixth Inventor, if any:	GIVEN NAME/FAMILY NAME Hye Sang PARK Residence (City, State & Country) Seoul Korea  MAILING ADDRESS (Complete Street Address 704-1509 Jugong Apt., Gaepo-dong, Ga GIVEN NAME/FAMILY NAME Jae Young JANG Residence (City, State & Country) Daejeon Korea  MAILING ADDRESS (Complete Street Address 163-9, Yongjeon-dong, Dong-gu, Daeje GIVEN NAME/FAMILY NAME Young Duk KIM Residence (City, State & Country)  Residence (City, State & Country)	including City, State & Country) angnam-gu, Seoul 135-993 Reg  INVENTOR'S SIGNATURE  including City, State & Country) eon 300-825 Republic of Kor	CITIZENSHI kr CITIZENSHI kr Cea	DATE*  2004. 8. 9  DATE*  2004. 8. 9			

Page 2 of 2 (Rev. 07/2003)

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Full Name of Eight Inventor, if any:	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*				
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Full Name of Ninth Inventor, if any: see above	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*				
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Full Name of Tenth	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*				
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Full Name of Eleventh Inventor, if any:	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*				
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Full Name of Twelfth	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*				
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Full Name of Thirteenth Inventor, if any:	GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE		DATE*				
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Page 3 of 2 (Rev. 07/2003)

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